

Claims:

1. Convertible vehicle (1) with at least one flexible roof area (10)
5 supported by transverse hoops (12; 13; 14; 15; 16) lying in succession over its longitudinal course, which can be shortened in vehicle longitudinal direction with a movement component for opening by displacement of transverse hoops (12; 13; 14; 15),
characterized in that
10 at least one longitudinal guiding aid (23; 24; 25) is assigned to one transverse hoop (13; 14; 15) for cooperation with a longitudinal guiding projection (30; 27; 28) of another transverse hoop (12; 13; 14) pointing in its direction.

15
2. Convertible vehicle according to Claim 1,
characterized in that
one longitudinal guiding projection (30; 27; 28; 29) and one
longitudinal guiding aid (23; 24; 25; 26) each have dimensionally
20 stable parts that engage in each other and can move with respect to each other.

15
3. Convertible vehicle according to Claim 2,
25 **characterized in that**

one engagement position exists both with closed and with open roof area (10).

- 5 4. Convertible vehicle according to one of Claims 1 to 3,
characterized in that
one longitudinal guiding projection (30; 27; 28; 29) and one longitudinal guiding aid (23; 24; 25; 26) are formed so that they are complementary to each other in the engagement area.

10

5. Convertible vehicle according to one of Claims 1 to 4,
characterized in that
the force for movement of the flexible roof section (10) can be
15 provided independently of the longitudinal guiding aids (23; 24; 25; 26) and projections (30; 27; 28; 29).

6. Convertible vehicle (1) with at least one flexible roof area (10)
20 supported over its longitudinal course by transverse hoops (12; 13; 14; 15; 16) lying in succession, which for its opening can be shortened by movement of transverse hoops (12; 13; 14; 15) with a movement component in vehicle longitudinal direction, especially according to one of Claims 1 to 5,

25

characterized in that

the force for movement of the flexible roof section can be introduced into it by way of a slidable lattice grate (18) lying in the extension plane of the flexible roof area (10) with swivel axes (19) lying perpendicular to the extension plane.

7. Convertible vehicle according to Claim 6,
characterized in that
the slidable lattice grate (18) is arranged centrally in the area of a longitudinal center plane (21) of roof (3) and can be moved by a single drive (31).
8. Convertible vehicle according to one of Claims 1 to 7,
characterized in that
a longitudinal guiding projection (30; 27; 28; 29) is designed as a pipe section with an extension component in vehicle longitudinal direction.
9. Convertible vehicle according to Claim 8,
characterized in that
a longitudinal guiding projection (30; 27; 28; 29) is bent corresponding to the roof curvature.

10. Convertible vehicle according to one of Claims 8 or 9,
characterized in that
a longitudinal guiding aid (23; 24; 25; 26) comprises a pipe sleeve
with extension components in the vehicle longitudinal direction.

5

11. Convertible vehicle according to Claim 10,
characterized in that
a longitudinal guiding aid (23; 24; 25; 26) is angled with respect to
the horizontal corresponding to the roof curvature.

10

12. Convertible vehicle according to one of Claims 1 to 11,
characterized in that
a number of transverse hoops (12; 13; 14; 15; 16) is provided, to
which at least one longitudinal guiding projection (27; 28; 29) and
one longitudinal guiding aid (23; 24; 25) are assigned, except for
the furthest forward (12) with respect to driving direction (F) and
the one lying furthest to the rear (16).

15

20

13. Convertible vehicle according to Claim 12,
characterized in that
in each case symmetrically to one vertical vehicle longitudinal
center plane (21), two longitudinal guiding projections (27; 28; 29)

25

and two longitudinal guiding aids (23; 24; 25) are assigned to each transverse hoop (13; 14; 15), except for the farthest toward the front (12) and the farthest toward the rear (16) with respect to vehicle driving direction (F).

5

14. Convertible vehicle according to one of Claims 1 to 13,

characterized in that

10 the longitudinal guiding aids (23; 24; 25) and the longitudinal guiding projections (30; 27; 28; 29) of transverse hoops lying in succession (12; 13; 14; 15) are offset with respect to each other relative to the vertical vehicle longitudinal center plane (21).

- 15 15. Convertible vehicle according to Claim 14,

characterized in that

on each transverse hoop (13; 14; 15) provided with at least one longitudinal guiding aid (23; 24; 25) and at least one longitudinal guiding projection (27; 28; 29), the longitudinal guiding aid (23; 24; 25) and the longitudinal guiding projection (27; 28; 29) lie
20 immediately adjacent to each other in vehicle transverse direction.

16. Convertible vehicle according to one of Claims 1 to 15,
characterized in that
it comprises a rigid rear roof part (4) surrounding a rear window
(5) on which the flexible roof area (10) follows in driving direction
(F) when the roof (3) is closed.
17. Convertible vehicle according to Claim 16,
characterized in that
the rear roof part (4) can be lowered into the body (6) during the
shortening of the flexible roof area (10).